



P.O. Box 1697 - Sanford, FL 32771
MATERIAL SAFETY DATA SHEET

Ethion & Oil Spray

Herbicide__Insecticide_X_Fertilizer__Soil Conditioner__

This product is used by Homeowners and Professionals

MSDS NO. SC-05 DATE: DEC. 1994

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CHEMTREC TRANSPORT EMERGENCY NON-TRANSPORTATION EMERGENCY-POISON CONTROL CENTER

Telephone 1-800-424-9300 Sunniland Corp. 800-432-1130; Poison Control Center: Tampa, FL 1-800-282-3171

EPA REG. NUMBER: 9404-14 CAS NO. Ethion [563-12-2] Aromatic Solvent [25551-13-7][64742-95-6]

CHEMICAL NAME: Ethion - O,O,O,O-tetraethyl S,S'-methylene bis(phosphordithioate)

TRADE NAMES: Ethion; Diethion

SECTION I - PHYSICAL DATA

PHYSICAL FORM: Liquid Aliphatic Solvent Base COLOR: Light Amber

VAPOR PRESSURE: N/E

SPECIFIC GRAVITY: 7.44 lbs./G - 0.8931

SOLUBILITY: Emulsifiable Liquid

FLASH POINT: 150° F

BULK DENSITY: N/A

ODOR: Solvent \ Mercaptan.

pH: 6.5 to 7.0

SECTION II - COMPOSITION

Ethion - - - - - 8.40% TWA - 0.4 mg/m3

Inert Ingredients - - - - - 91.60% TWA- 100 ppm

STEL - N/E

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Inert Contains an Aromatic Petroleum Solvent and Emulsifier.

LD₅₀ ORAL: >1500 mg/kg

LD₅₀ DERMAL: >2000 mg/kg

EYE: Temporary Irritation from spray mist.

*Product is packaged in Child Resistant Packaging.

SECTION III - HEALTH DATA

IF SWALLOWED: Call a physician of Poison Control Center immediately. Aromatic solvent may present aspiration hazard. If necessary to induce vomiting give victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. IF IN EYES: Flush eyes with plenty of water. Get medical attention immediately. IF ON SKIN: Wash thoroughly with soap and water. Get medical attention if irritation develops. IF INHALED: Remove victim to fresh air. Apply Artificial Respiration if indicated. CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist or vapors. Wear regular long-sleeved work clothing. Wash thoroughly after handling.

SECTION IV - FIRE & EXPLOSION HAZARDS

FLASH POINT: 150° F

EXTINGUISHING MEDIA: Water Fog; CO₂ or Chemical Foam.

SPECIAL FIRE FIGHTING PROCEDURES: Foam/Fog system preferred. Remove closed case goods from path of fire. Use fog nozzles if water is used. Use air supplied or canister breathing masks for protection against ethion, solvent and resulting vapors from fire as well as burning cardboard cases and Barex containers. Containers may burst when exposed to high temperatures. Evacuate persons down wind.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Containers will burst under extreme heat and solvent will burn violently.

SECTION V - SPECIAL PROTECTION INFORMATION

RESPIRATOR TYPE: Outdoor product use. None needed. Avoid breathing spray mist.

EYE PROTECTION: Protective eyewear should be worn against possible liquid splash or spray mist.

GLOVES: Rubber or neoprene waterproof work gloves.

OTHER PROTECTION: Body covering clothing; shoes plus socks. KEEP PRODUCT OUT OF REACH OF CHILDREN!

(Continued)



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SECTION VI - REACTIVITY DATA

STABILITY: Stable

POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Storage temperatures above 100 degrees will lead to non-hazardous decomposition.

Alkalies, Strong Acids. Do not allow moisture to enter container. Keep tightly closed.

DECOMPOSITION PRODUCTS: When heated to decomposition produces carbon monoxide, carbon dioxide, sulfur dioxide and phosphorous trioxide, oxides of Nitrogen.

SECTION VII - STORAGE & DISPOSAL

STORAGE: Do not use pour spill or store near heat or open flame. Store product in its original labeled container in a cool, dry, locked place out of reach of children. Confine a spill and absorb with dry clay or sand granules.

STORAGE TEMPERATURES: Ambient (Average Warehouse) Temperatures. Do not allow to freeze.

SHELF LIFE: 2 to 3 years

PRODUCT DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Excess product may be disposed of on site or at an approved waste disposal facility or used as directed or use product as instructed. If product is spilled absorb with granule sand, clay or other materials that can be sweep up and placed in labeled container for disposal.

CONTAINER DISPOSAL: Do not re-use empty containers. Wrap in several layers of newspaper and discard in trash.

SECTION VIII - TRANSPORTATION

D.O.T. SHIPPING NAME: Ethion Lawn & Garden Insecticide

D.O.T. HAZARD CLASS: N.O.S. Non-hazardous. RQ - N/A

D.O.T. LABELS REQUIRED: None.

NOTICE FROM SUNNILAND CORPORATION.

The information contained herein is offered only as a guide to the handling of this specific material. Since such information does not relate to use of the material with any other material or in any process, any person using this information must determine for himself its suitability for any particular application. The buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of the product label.

Abbreviations Key:

N/A = NOT AVAILABLE or APPLICABLE

N/E = NOT ESTABLISHED

TLV = THRESHOLD LIMIT VALUE

TWA = TIME WEIGHTED AVERAGE